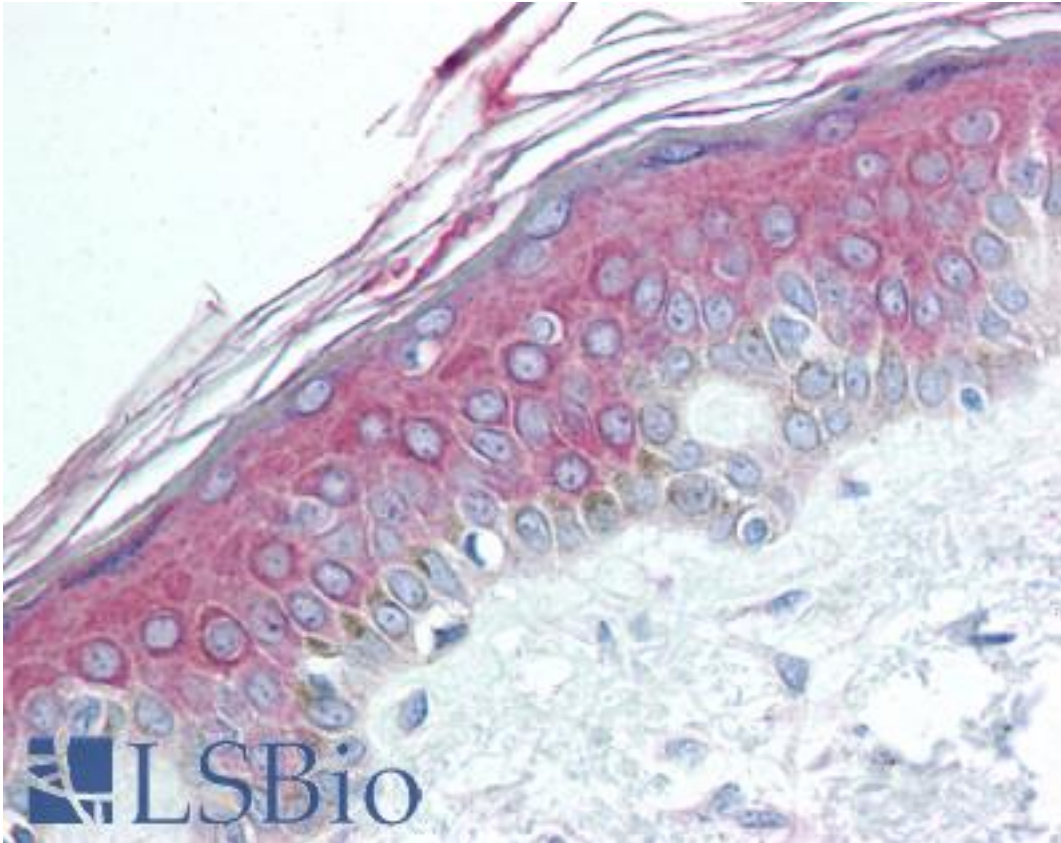


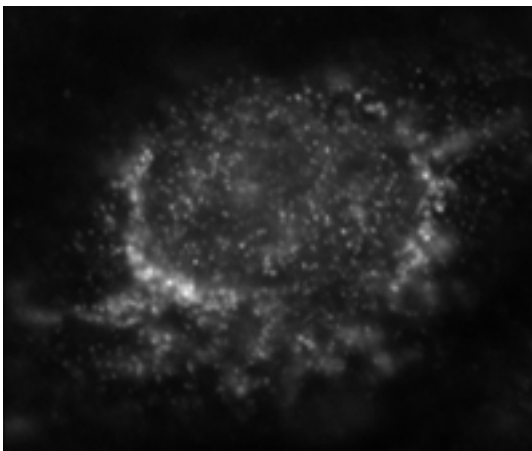
HDAC4 Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody - LS-B1999 - LSBio	
CatalogID:	LS-B1999
Validation:	This antibody replaces catalog number LS-C41331. It has been validated for use in the following assays: IHC-P.
Target:	histone deacetylase 4 (HDAC4)
Synonyms:	HDAC4 Antibody, BDMR Antibody, AHO3 Antibody, Histone deacetylase A Antibody, HD4 Antibody, HA6116 Antibody, HDAC-A Antibody, HDACA Antibody, Histone deacetylase 4 Antibody, HDAC-4 Antibody, KIAA0288 Antibody
Family / Subfamily:	Histone Deacetylase / not assigned-Histone Deacetylase
Host	HDAC4 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	HDAC4 antibody was raised against Mouse
Immunogen:	HDAC4 antibody was raised against recombinant human HDAC4 (partial), N-terminal
Specificity:	HDAC4
Epitope:	N-Terminus
Reactivity:	Mouse, Human
Purification:	Immunoaffinity purified
Presentation:	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide, 50% glycerol.
Recommended Storage:	Aliquot and store at -20°C. Minimize freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B1999 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1999 was determined to be 1:50.
Uses:	IHC - Paraffin (1:50), Immunofluorescence, Western blot (2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µl

Immunohistochemistry Image:



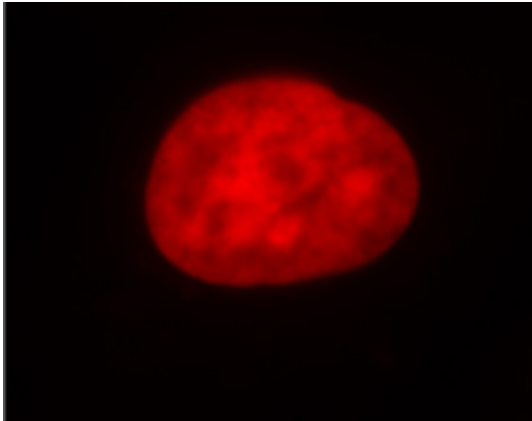
Anti-HDAC4 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1999 dilution 1:50.

Immunocytochemistry Image:

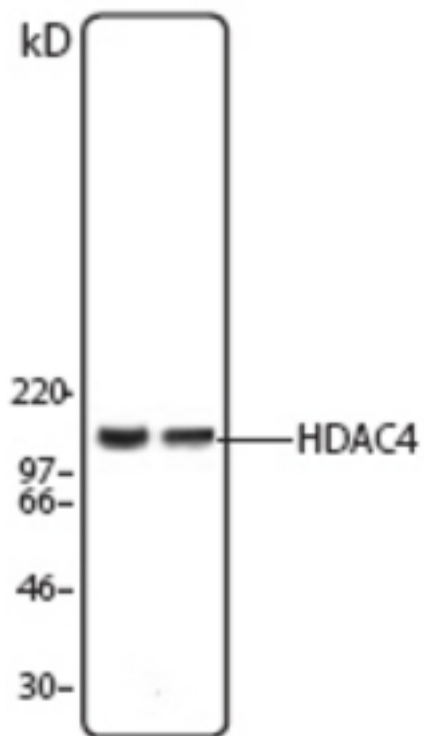


Fixed and permeabilized HeLa cells were stained with a 1:50 dilution of HDAC4 antibody (Poly6077) for 1 hr, incubated with goat anti-rabbit conjugated to Alexa Fluor 488 (top panel). Cells were examined at 100 X magnification. DAPI stained cells are shown as a control (bottom panel).

Immunocytochemistry Image:



Western Blot Image:



NIH 3T3 (left lane) and Jurkat (right lane) nuclear extracts were probed with rabbit anti-HDAC4 antibody by Western Blot.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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